

## REMARKS

This amendment is filed under Rules 8 and 116 two months after the Final Action of April 20, 2005 in which claims 1, 2, 4, 5 and 7 were rejected and claims 3 and 6 objected to.

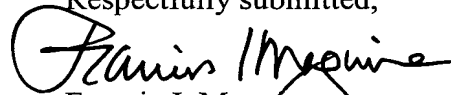
The applicant appreciates the time taken by the Examiner to discuss the currently pending claims with the undersigned on June 17, 2005 and this amendment to the independent claims is made consistent with that discussion. In particular, the independent claims have been amended to make it clear that the adjustment to the amplitude of the current impulses output by the charge pump is made independently of the phase locked loop (in addition to essentially proportionally to the capacitance at the output of the charge pump). The specification has been amended at appropriate places in the specification to provide the corresponding support therefor. Clearly, the bias current provided by the circuit of Fig. 2, for instance, is provided independently of the phase locked loop itself and the prior art references to Stascausky and Wakayama have components that do not work independently of the phase locked loop itself.

The limitations of dependent claims 2 and 5 have been incorporated in dependent claims 3 and 6, respectively, along with their respective independent claims 1 and 4 without including the limitation regarding independence of the tuning component.

The objections and rejections of the Office Action of April 20, 2005 having

been obviated by amendment or shown to be inapplicable, withdrawal thereof is requested and passage of claims 1 through 7 to issue is solicited.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Francis J. Maguire", written over a circular stamp or seal.

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